

## Closed Topic Search

Enter terms  
Search

[Reset](#) Sort By: Close Date (descending)

- [Relevancy \(descending\)](#)
- [Title \(ascending\)](#)
- [Open Date \(descending\)](#)
- [Close Date \(ascending\)](#)
- [Release Date \(descending\)](#)

NOTE: The Solicitations and topics listed on this site are copies from the various SBIR agency solicitations and are not necessarily the latest and most up-to-date. For this reason, you should visit the respective agency SBIR sites to read the official version of the solicitations and download the appropriate forms and rules.

Displaying 8 result(s)

## Closed Topic Search

Published on SBIR.gov (<https://www.sbir.gov>)

---

### **1. 001: Low Power Tri-axial Acoustic Sensor**

Release Date: 04-29-2011Open Date: 05-12-2011Due Date: 06-28-2011Close Date: 06-28-2011

The U.S. Customs and Border Protection (CBP) use UGS units to detect personnel, vehicles, and aircraft engaged in illegal activity at the U.S. border. The UGS units consist of: sensor(s) for detecting activity; a buried housing that contains a processing unit that interprets the received signals from the sensor(s) and performs administrative and control tasks; a radio for communicating alarms back ...

SBIR Science and Technology Directorate

### **2. 002: Improved Wipes for Surface Sampling of Chemical Agents on Porous Materials**

Release Date: 04-29-2011Open Date: 05-12-2011Due Date: 06-28-2011Close Date: 06-28-2011

The Department of Homeland Security (DHS) has a need for a novel surface wipe material that more efficiently removes low volatility chemical agent contamination from porous and absorptive surfaces (e.g., uncoated and coated concrete, painted wallboard, unglazed ceramic tile) than current cellulosic-based, gauze-type, wipe materials. The novel wipe material will further demonstrate the ability to q ...

SBIR Science and Technology Directorate

### **3. 003: Mobile Device Forensics**

Release Date: 04-29-2011Open Date: 05-12-2011Due Date: 06-28-2011Close Date: 06-28-2011

Within the area of mobile device forensics, the Department of Homeland Security (DHS) Science and Technology (S&T) Directorate is currently interested in three distinct facets of this complex problem area. Proposers can respond to any of the three sub-topics listed below (i.e., proposers may submit up to three different sub-topic proposals in response to this mobile device forensics topic). Sub-t ...

SBIR Science and Technology Directorate

### **4. 004: Short Standoff Checkpoint Detection System for Explosives**

Release Date: 04-29-2011Open Date: 05-12-2011Due Date: 06-28-2011Close Date: 06-28-2011

Checkpoint security incorporates a wide variety of screening technologies and processes to detect person-borne threats and illicit objects, including weapons and explosives. Individuals attempting to circumvent checkpoint security have resorted to a variety of techniques to avoid detection, including hiding threat or illicit objects, but minute quantities of trace explosives may remain on their pe ...

SBIR Science and Technology Directorate

**5. [005: Iris Image Quality Tool Suite for Biometric Recognition](#)**

Release Date: 04-29-2011Open Date: 05-12-2011Due Date: 06-28-2011Close Date: 06-28-2011

Biometric system performance depends on the quality of the acquired input samples. If sample quality can be improved, whether by sensor design, user interface design, or standards compliance, better performance can be realized. For those aspects of quality that cannot be designed-in, an ability to analyze the image and identify recognition-related defects and problems is needed. The ability to qui ...

SBIR Science and Technology Directorate

**6. [006: Intelligent "Object" Symbolology](#)**

Release Date: 04-29-2011Open Date: 05-12-2011Due Date: 06-28-2011Close Date: 06-28-2011

The Department of Homeland Security (DHS) is committed to using cutting- edge technologies and scientific talent in its quest to make America safer. The International Committee for Information Technology Standards (ANSI INCITS) 415-2006, Homeland Security Mapping Standard - Point Symbolology for Emergency Management establishes point symbols focused exclusively on the emergency management and emerge ...

SBIR Science and Technology Directorate

**7. [MDA11-T001: Develop Accelerated High Power RF MEMs Switch and Phase Shifter Reliability Test Methodologies](#)**

Release Date: 01-27-2011Open Date: 02-28-2011Due Date: 03-30-2011Close Date: 03-30-2011

OBJECTIVE: This topic seeks to identify and develop high-power Radio Frequency Micro Electro-Mechanical Systems (RF-MEMS) accelerated reliability test methodologies to reduce technology acceptance time for switched phase shifters that utilize capacitive or contact RF MEMS switches. Currently, life testing conducted on RF MEMs switching devices requires significant time and cost due to a lack of ph ...

STTR Missile Defense Agency

**8. [MDA11-T002: Defect Reduction Techniques for Large Format Infrared Detector Materials](#)**

Release Date: 01-27-2011Open Date: 02-28-2011Due Date: 03-30-2011Close Date: 03-30-2011

OBJECTIVE: The overall objective of this effort is to develop innovative solutions to significantly decrease the defect and dislocation sizes and densities in large format ( $>25 \text{ cm}^2$ ) II-VI compound semiconductor infrared detector materials. Emphasis shall be given to detectors operating in the short through mid-long wavelength regime ( $\sim 10$  micron cut-off).

DESCRIPTION: The Missile Defense Agency ...

STTR Missile Defense Agency

## Closed Topic Search

Published on SBIR.gov (<https://www.sbir.gov>)

---

```
jQuery(document).ready( function() { (function ($) { $('#edit-keys').attr("placeholder", 'Search  
Keywords'); $('span.ext').hide(); })(jQuery); });
```